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Substitute for form 1449/PTO

**SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/698,928
Filing Date	October 31, 2003
First Named Inventor	Serge Boyer
Art Unit	1626
Examiner Name	Solola, Taofiq A.
Attorney Docket Number	2358.0180002/RWE/AES

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
YD	JI	BRAESS, J. et al. "Oral Cytarabine Octosfate in Acute Myeloid Leukemia and non-Hodgkin's Lymphoma – Phase I/II Studies and Pharmacokinetics", <i>Leukemia</i> 12:1618-1626, Stockton Press (1998)	
	JJ	CHABNER, B.A., "Cytidine Analogues", in <i>Cancer Chemotherapy: Principles and Practice</i> , Lippincott Williams & Wilkins (April 1990)	
	JK	CHABNER, B.A., et al., "Purification and Properties of Cytidine Deaminase from Normal and Leukemic Granulocytes", <i>Journal of Clinical Investigation</i> 53:922-931, American Society for Clinical Investigation (March 1974)	
	JL	COHEN, S.S. "The Mechanisms of Lethal Action of Arabinosyl Cytosine (araC) and Arabinosyl Adenine (araA)", <i>Cancer</i> 40:509-518, Wiley (1977)	
	JM	GRANT, S., "Biochemical Modulation of Cytosine Arabinoside", <i>Pharmac. Ther.</i> 48:29-44, Pergamon Press plc (1990)	
	JN	LEACH, W.B. et al. "Toxicity Studies in Mice Treated with 1-β-D-Arabinofuranosyl-cytosine (ara-C)", <i>Cancer Research</i> 29:529-535, America Association for Cancer Research (March 1969)	
	JO	PLUNKETT, W. et al. "Pharmacologically Directed Ara-C Therapy for Refractory Leukemia", <i>Seminars in Oncology</i> 12(2) Supp. 3:20-30, W.B. Saunders (June 1985)	
	JP	RUSTUM, Y.M., et al. "1-β-Arabinofuranosylcytosine in Therapy of Leukemia: Preclinical and Clinical Overview" <i>Pharmac. Ther.</i> 56:307-321, Pergamon Press Ltd. (1992)	
	JQ	SHIMMA, N. et al., "The Design and Synthesis of a New Tumor-Selective Fluoropyrimidine Carbamate, Capecitabine" <i>Bioorganic & Medicinal Chemistry</i> 8:1697-1706, Elsevier Science Ltd. (2000)	
	JR	SUTO, T. et al. "The Effect of YNK-01 (an Oral Prodrug of Cytarabine) on Hepatocellular Carcinoma" <i>Seminars in Oncology</i> 24(2) Suppl 6:S6-122-S6-129, W.B. Saunders (April 1997)	

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 09-30-2003. GPO 2000-09

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/698,928
				Filing Date	October 31, 2003
				First Named Inventor	Serge Boyer
				Art Unit	1626
				Examiner Name	Solola, Taofiq A.
Sheet	2	of	2	Attorney Docket Number	2358.0180002/RWE/AES

NON-PATENT LITERATURE DOCUMENTS

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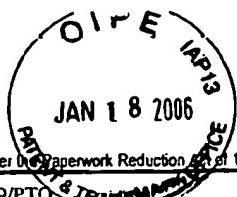
Examiner Signature	T. A. 3066	Date Considered	3-2-06
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Substitute for form 1449/PTO FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/698,928
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				Examiner Name	Solola, Taofiq A.
Sheet	1	of	1	Attorney Docket Number	2358.0180002/RWE/AES

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
YD	EW	3,018,302	01/23/1962	Bielefeld et al.	
	EX	4,952,740	08/28/1990	Juge et al.	
	EY	5,663,159	09/02/1997	Starrett Jr., et al.	
	EZ	6,752,981	06/22/2004	Erion et al.	
	FA	2003/0225277 A1	12/04/2003	Kopcho et al.	
	FB	2003/0229225 A1	12/11/2003	Reddy et al.	
	FC	2004/0192651 A1	09/30/2004	Reddy et al.	
YD	FD	2005/0288240 A1	12/29/2005	Erion et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		T ⁶
YD	FE	EP 0161955 A1	11/21/1985	Merck & Co., Inc.	
	FF	EP 0180276 A1	05/07/1986	Oce-Andeno B.V.	
	FG	EP 0338372 A2	10/25/1989	American Cyanamid Co.	
	FH	EP 0353692 B1	10/04/1995	Nissan Chemical Ind., Ltd.	
	FI	EP 0481214 B1	06/24/1998	Inst. Organic Chem. & Biochem. Acad. Sci. Czech. Repub.	
	FJ	WO 91/19721 A1	12/26/1991	Glazier	
	FK	WO 96/01267 A1	01/18/1996	Takeda Chemical Ind., Ltd.	
	FL	WO 97/03679 A1	02/06/1997	Cephalon, Inc.	
YD	FM	WO 00/52015 A2	09/08/2000	Metabasis Therapeutics, Inc.	

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Sheet 1 of 10

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Art Unit	1626
Examiner Name	Solola, Taofiq A.

Attorney Docket Number 2358.0180002/RWE/AES

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
YD	FN	ALEXANDER, P., et al., "Preparation of 9-(2-Phosphonomethoxyethyl) Adenine Esters as Potential Prodrugs," <i>Collect. Czech. Chem. Commun.</i> 59:1853-1869, Czech Academy of Sciences, Institute of Organic Chemistry and Biochemistry (1994)	
	FO	AMIN, D., et al., "1-Hydroxy-3-(methylpentylamino)-propylidene-1,1-bisphosphonic Acid as a Potent Inhibitor of Squalene Synthase," <i>Arzneim.-Forsch./Drug Res.</i> 46:759-762, Blackwell Publishing, Inc. (1996)	
	FP	ATIQ, O., et al., "Treatment of Unresectable Primary Liver Cancer with Intrahepatic Fluorodeoxyuridine and Mitomycin C Through an Implantable Pump," <i>Cancer</i> 69:920-924, John Wiley and Sons, Inc. (1992)	
	FQ	AUBERSON, Y., et al., "N-Phosphonoalkyl-5-Aminomethylquinoxaline-2,3-Diones: <i>In Vivo</i> Active AMPA and NMDA-(Glycine) Antagonists," <i>Bioorg. Med. Chem. Lett.</i> 9:249-254, Elsevier Science Ltd. (1999)	
	FR	BALTHAZOR, T. and Grabiak, R.C., "Nickel-Catalyzed Arbuzov Reaction: Mechanistic Observations," <i>J. Org. Chem.</i> 45:5425-5426, American Chemical Society (1980)	
	FS	BEAUCAGE, S.L. and Iyer, R.P., "The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications," <i>Tetrahedron</i> 49:6123-6194, Pergamon Press Ltd. (1993)	
	FT	BESPALOV, A., et al., "Prolongation of morphine analgesia by competitive NMDA receptor antagonist D-CPPene (SDZ EAA 494) in rats," <i>Eur. J. Pharmacol.</i> 351:299-305, Elsevier Science B.V. (1998)	
	FU	BIJSTERBOSCH, M., et al., "Disposition of the Acyclic Nucleoside Phosphonate (S)-9-(3-Hydroxy-2-Phosphonylmethoxypropyl)Adenine," <i>Antimicrob. Agents Chemother.</i> 42:1146-1150, American Society for Microbiology (1998)	
	FV	BIRD, J., et al., "Synthesis of Novel N-Phosphonoalkyl Dipeptide Inhibitors of Human Collagenase," <i>J. Med. Chem.</i> 37:158-169, American Chemical Society (1994)	
	FW	BORCH, R.F. and Millard, J.A., "The Mechanism of Activation of 4-Hydroxycyclophosphamide," <i>J. Med. Chem.</i> 30:427-431, American Chemical Society (1987)	

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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Y0	FX	BRILL, T. and Landon, S.J., "Arbuzov-like Dealkylation Reactions of Transition-Metal-Phosphite Complexes," <i>Chem. Rev.</i> 84:577-585, American Chemical Society (1984)	
	FY	CAMPAGNE, J.-M., et al., "Synthesis of Mixed Phosphate Diester Analogues of Dipeptides using BOP or PyBOP Reagents," <i>Tetrahedron Lett.</i> 34:6743-6744, Pergamon Press Ltd. (1993)	
	FZ	CAMPBELL, D.A., "The Synthesis of Phosphonate Esters, an Extension of the Mitsunobu Reaction," <i>J. Org. Chem.</i> 57:6331-6335, American Chemical Society (1992)	
	GA	CASARA, P., et al., "Synthesis of Acid Stable 5'-O-Fluoromethyl Phosphonates of Nucleosides. Evaluation as Inhibitors of Reverse Transcriptase," <i>Bioorg. Med. Chem. Lett.</i> 2:145-148, Pergamon Press plc (1992)	
	GB	CASTEEL, D. and Peri, S.P., "Steric and Electronic Effects in the Aryl Phosphate to Arylphosphonate Rearrangement," <i>Synthesis</i> (9):691-693, Georg Thieme Verlag KG (1991)	
	GC	CHEN, L. and Waxman, D.J., "Intratumoral Activation and Enhanced Chemotherapeutic Effect of Oxazaphosphorines following Cytochrome P-450 Gene Transfer: Development of a Combined Chemotherapy/Cancer Gene Therapy Strategy," <i>Cancer Res.</i> 55:581-589, The American Association for Cancer Research (1995)	
	GD	CHEN, L., et al., "Sensitization of Human Breast Cancer Cells to Cyclophosphamide and Ifosfamide by Transfer of a Liver Cytochrome P450 Gene," <i>Cancer Res.</i> 56:1331-1340, The American Association for Cancer Research (1996)	
	GE	COOPER, D.B., et al., "Use of Carbohydrate Derivatives for Studies of Phosphorus Stereochemistry. Part II. Synthesis and Configurational Assignments of 1,-3,2-Oxathiaphosphiran-2-ones and 1,3,2-Dioxaphosphorinan-2-thiones," <i>J. Chem. Soc. Perkin I</i> 3/2422:1049-1052, Royal Society of Chemistry (1974)	
	GF	DEARFIELD, K., et al., "Analysis of the genotoxicity of nine acrylate/methacrylate compounds in L5178Y mouse lymphoma cells," <i>Mutagenesis</i> 4:381-393, Oxford University Press (1989)	
	GG	DE CLERCQ, E., et al., "A novel selective broad-spectrum anti-DNA virus agent," <i>Nature</i> 323:464-467, Nature Publishing Group (1986)	

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YD	GH	DE LOMBAERT, S., et al., "Pharmacological Profile of a Non-Peptidic Dual Inhibitor of Neutral Endopeptidase 24.11 and Endothelin-Converting Enzyme," <i>Biochem. Biophys. Res. Commun.</i> 204:407-412, Academic Press, Inc. (1994)	
	GI	DE LOMBAERT, S., et al., "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, a New Generation of Neutral Endopeptidase (NEP, EC 3.4.24.11) Inhibitors," <i>J. Med. Chem.</i> 37:498-511, American Chemical Society (1994)	
	GJ	DESOS, P., et al., "Structure-Activity Relationships in a Series of 2(1 <i>H</i>)-Quinolones Bearing Different Acidic Function in the 3-Position: 6,7-Dichloro-2(1 <i>H</i>)-oxoquinoline-3-phosphonic Acid, a New Potent and Selective AMPA/Kainate Antagonist with Neuroprotective Properties," <i>J. Med. Chem.</i> 39:197-206, American Chemical Society (1996)	
	GK	DICKSON, J.K., et al., "Orally Active Squalene Synthase Inhibitors: Bis((acyloxy)alkyl) Prodrugs of the α -Phosphonosulfonic Acid Moiety," <i>J. Med. Chem.</i> 39:661-664, American Chemical Society (1996)	
	GL	EDMUNDSON, R.S., et al., "Cyclic Organophosphorous Compounds. Part 23. Configurational Assignments in the 4-Phenyl-1,3,2 <i>\lambda</i> -dioxaphosphorinane Series. X-Ray Molecular Structure of cis-2-Benzylamino-4-phenyl-1,3,2-dioxaphosphorinane 2-Oxide," <i>J. Chem. Research (S)</i> , 122-123, Science Reviews Ltd. (1989)	
	GM	ENRIQUEZ, P., et al., "Conjugation of Adenine Arabinoside 5'-Monophosphate to Arabinogalactan: Synthesis, Characterization, and Antiviral Activity," <i>Bioconjugate Chem.</i> 6:195-202, American Chemical Society (1995)	
	GN	ERION, M., et al., "Design, Synthesis, and Characterization of a Series of Cytochrome P ₄₅₀ 3A-Activated Prodrugs (HepDirect Prodrugs) Useful for Targeting Phosph(on)ate-Based Drugs to the Liver," <i>J. Am. Chem. Soc.</i> 126:5154-5163, American Chemical Society (April 2004)	
	GO	ERION, M., et al., "HepDirect TM Prodrugs: A Novel Strategy for Targeting Drugs to the Liver," <i>Hepatology</i> 36:301A, AASLD Abstract No. 551, John Wiley & Sons, Inc. (October 2002)	
	GP	ERION, M., et al., "Liver-Targeted Drug Delivery Using HepDirect Prodrugs" <i>J. Pharmacol. Exper. Ther.</i> 312:554-560, American Society for Pharmacology and Experimental Therapeutics (February 2005)	
	GQ	ERION, M., "Liver-Targeted Nucleoside Prodrugs," presented at the Gordon Research Conference: Purines, Pyrimidines and Related Substances, Newport, RI, 38 pages (June-July 2003)	

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YD	GR	FARQUHAR, D., et al., "Biologically-Cleavable Phosphate Protective Groups: 4-Acyloxy-1,3,2-Dioxaphosphorinanes as Neutral Latent Precursors of Dianionic Phosphates," <i>Tetrahedron Lett.</i> 36:655-658, Elsevier Science Ltd. (1995)			
	GS	FARQUHAR, D., et al., "Biologically Reversible Phosphate-Protective Groups," <i>J. Pharm. Sci.</i> 72:324-325, American Chemical Society (1983)			
	GT	FARQUHAR, D., et al., "5'-4-(Pivaloyloxy)-1,3,2-dioxaphosphorinan-2-yl]-2'-deoxy-5-fluorouridine: A Membrane-Permeating Prodrug of 5-Fluoro-2'-deoxyuridyllic Acid (FdUMP)," <i>J. Med. Chem.</i> 38:488-495, American Chemical Society (1995)			
	GU	FARQUHAR, D., et al., "Synthesis and Antitumor Evaluation of Bis[(pivaloyloxy) methyl] 2'-Deoxy-5-fluorouridine 5'-Monophosphate (FdUMP): A Strategy to Introduce Nucleotides into Cells," <i>J. Med. Chem.</i> 37:3902-3909, American Chemical Society (1994)			
	GV	FARQUHAR, D., et al., "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <i>J. Med. Chem.</i> 28:1358-1361, American Chemical Society (1985)			
	GW	FARQUHAR, D., et al., "Synthesis and Biological Evaluation of Neutral Derivatives of 5-Fluoro-2'-deoxyuridine 5'-Phosphate," <i>J. Med. Chem.</i> 26:1153-1158, American Chemical Society (1983)			
	GX	FIUME, L., et al., "Inhibition of Hepatitis B Virus Replication by Vidarabine Monophosphate Conjugated with Lactosaminated Serum Albumin," <i>The Lancet</i> 2:13-15, The Lancet Publishing Group (1988)			
	GY	FREED, J.J., et al., "Evidence for Acyloxymethyl Esters of Pyrimidine, 5'-Deoxyribonucleotides as Extracellular Sources of Active 5'-Deoxyribonucleotides in Cultured Cells," <i>Biochem. Pharm.</i> 38:3193-3198, Elsevier Inc. (1989)			
	GZ	FRIIS, G.J. and Bundgaard, H., "Prodrugs of phosphates and phosphonates: Novel lipophilic α-acyloxyalkyl ester derivatives of phosphate- or phosphonate containing drugs masking the negative charges of these groups," <i>Eur. J. Pharm. Sci.</i> 4:49-59, Elsevier Science B.V. (1996)			
	HA	GUIDA, W.C., et al., "Structure-Based Design of Inhibitors of Purine Nucleoside Phosphorylase. 4. A Study of Phosphate Mimics," <i>J. Med. Chem.</i> 37:1109-1114, American Chemical Society (1994)			

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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Substitute for form 1449/PTO				Complete if Known	
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/698,928
				Filing Date	October 31, 2003
				First Named Inventor	Serge Boyer
				Art Unit	1626
				Examiner Name	Solola, Taofiq A.
Sheet	5	of	10	Attorney Docket Number	2358.0180002/RWE/AES

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published		
YD	HB	HE, K., et al., "Inactivation of Cytochrome P450 3A4 by Bergamottin, a Component of Grapefruit Juice," <i>Chem. Res. Toxicol.</i> 11:252-259, American Chemical Society (1998)		T ²
	HC	HILLERS, S., et al., "Analogs of pyrimidinemono-and polynucleotides. VI. Phosphates of 1-(1,4-dihydroxy-2-pentyl)thymine and 1-(1,3-dihydroxy-2-propyl) uracil," <i>Chemical Abstracts</i> 89(17), Chemical Abstracts Service (1978)		
	HD	HIRAYAMA, N., et al., "Structure and conformation of a novel inhibitor of angiotensin I converting enzyme - a tripeptide containing phosphonic acid," <i>Int. J. Pept. Protein Res.</i> 38:20-24, Blackwell Publishing (1991)		
	HE	HUNSTON, R., et al., "Synthesis and Biological Properties of Some Cyclic Phosphotriesters Derived from 2'-Deoxy-5-fluorouridine," <i>J. Med. Chem.</i> 27:440-444, American Chemical Society (1984)		
	HF	KEENAN, R., et al., "Pathology Reevaluation of the Kociba et al. (1978) Bioassay of 2,3,7,8-TCDD: Implications for Risk Assessment," <i>J. Tox. Envir. Health</i> 34:279-296 , Hemisphere Publishing Corporation (1991)		
	HG	KELLEY, J.L., et al., "[[(Guaninylalkyl)phosphinic]methyl]phosphonic Acids. Multisubstrate Analogue Inhibitors of Human Erythrocyte Purine Nucleoside Phosphorylase," <i>J. Med. Chem.</i> 38:1005-1014, American Chemical Society (1995)		
	HH	KHAMNEI, S. and Torrence, P.F., "Neighboring Group Catalysis in the Design of Nucleotide Prodrugs," <i>J. Med. Chem.</i> 39:4109-4115, American Chemical Society (1996)		
	HI	KHORANA, H.G., et al., "Cyclic Phosphates. III. Some General Observations on the Formation and Properties of Five-,Six- and Seven-membered Cyclic Phosphate Esters," <i>J. Am. Chem. Soc.</i> 79:430-436, American Chemical Society (1957)		
	HJ	KORBA, B.A., et al., "Liver-Targeted Antiviral Nucleosides: Enhanced Antiviral Activity of Phosphatidyl-Dideoxyguanosine Versus Dideoxyguanosine in Woodchuck Hepatitis Virus Infection <i>In Vivo</i> ," <i>Hepatology</i> 23:958-963, John Wiley & Sons, Inc. (1996)		
↓	HK	KRYUCHKOV, A.A., et al., "Influence of Solvent on the Strength of Cyclic Oxygen-Containing Phosphorus Acids," <i>Bull. Acad. Sci. USSR, A translation of Izvestiya Akademii Nauk SSSR, Ser. Khim.</i> 36:1145-1148, Consultants Bureau (1987)		

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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				Filing Date	October 31, 2003
				First Named Inventor	Serge Boyer
				Art Unit	1626
				Examiner Name	Solola, Taofiq A.
Sheet	6	of	10	Attorney Docket Number	2358.0180002/RWE/AES

NON PATENT LITERATURE DOCUMENTS					
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YD	HL	LEFEBVRE, I., et al., "Mononucleoside Phosphotriester Derivatives with S-Acyl-2-thioethyl Bioreversible Phosphate-Protecting Groups: Intracellular Delivery of 3'-Azido-2',3'-dideoxythymidine 5'-Monophosphate," <i>J. Med. Chem.</i> 38:3941-3950, American Chemical Society (1995)			
	HM	LOK, A.S.F., et al., "Neurotoxicity associated with adenine arabinoside monophosphate in the treatment of chronic hepatitis B virus infection," <i>J. Antimicrob. Chemotherap.</i> 14:93-99, Oxford University Press (1984)			
	HN	LU, X. and Zhu, J., "Palladium-Catalyzed Reaction of Aryl Polyfluoroalkanesulfonates with O,O-Dialkyl Phosphonates," <i>Synthesis</i> (8):726-727, Georg Thieme Verlag (1987)			
	HO	LUDEMAN, S.M., et al., "Synthesis and Antitumor Activity of Cyclophosphamide Analogues. 4. Preparation, Kinetic Studies, and Anticancer Screening of "Phenylketophosphamide" and Similar Compounds Related to the Cyclophosphamide Metabolite Aldophosphamide," <i>J. Med. Chem.</i> 29:716-727, American Chemical Society (1986)			
	HP	MACKENNA, D., et al., "MB07133: A HepDirect™ Prodrug of Cytarabine Monophosphate for Use in Hepatocellular Carcinoma," <i>Hepatology</i> 38(Suppl. 1):411A, AASLD Abstract No. 524, John Wiley & Sons, Inc. (October 2003)			
	HQ	MCGUIGAN, C., et al., "Intracellular Delivery of Bioactive AZT Nucleotides by Aryl Phosphate Derivatives of AZT," <i>J. Med. Chem.</i> 36:1048-1052, American Chemical Society (1993)			
	HR	MCGUIGAN, C., et al., "Kinase Bypass: A New Strategy for Anti-HIV Drug Design," <i>Bioorg. Med. Chem. Lett.</i> 3:1207-1210, Pergamon Press Ltd. (1993)			
	HS	MEIER, C., et al., "Cyclic Saligenyl Phosphotriesters of 2',3'-Dideoxy-2',3'-didehydrothymidine (d4T) - A New Pro-Nucleotide Approach -" <i>Bioorg. Med. Chem. Lett.</i> 7:99-104, Elsevier Science Ltd. (1997)			
	HT	MEIJER, D.K.F. and van der Sluijs, P., "Covalent and Noncovalent Protein Binding of Drugs: Implications for Hepatic Clearance, Storage, and Cell-Specific Drug Delivery," <i>Pharm. Res.</i> 6:105-118, Plenum Publishing Corporation (1989)			
	HU	MELVIN, L.S., "An Efficient Synthesis of 2-Hydroxyphenylphosphonates" <i>Tetrahedron Lett.</i> 22:3375-3376, Pergamon Press Ltd. (1981)			

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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Sheet 7 of 10

Complete if Known

Application Number	10/698,928
Filing Date	October 31, 2003
First Named Inventor	Serge Boyer
Art Unit	1626
Examiner Name	Solola, Taofiq A.

Attorney Docket Number 2358.0180002/RWE/AES

NON PATENT LITERATURE DOCUMENTS

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YD	HV	MEYER, R., et al., "2'-O-Acyl-6-thioinosine Cyclic 3',5'-Phosphates as Prodrugs of Thioinosinic Acid," <i>J. Med. Chem.</i> 22:811-815, American Chemical Society (1979)	
	HW	MITCHELL, A., et al., "Bioreversible Protection for the Phospho Group: Bioactivation of the Di(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Phosphoesters of Methylphosphonate and Phosphonacetate," <i>J. Chem. Soc. Perkin Trans. 1</i> , 2345-2353, Royal Society of Chemistry (1992)	
	HX	MITSUNOBU, O., "The Use of Diethyl Azodicarboxylate and Triphenylphosphine in Synthesis and Transformation of Natural Products," <i>Synthesis</i> (1):1-28, Georg Thieme Verlag (1981)	
	HY	MONTAG, A., et al., "The Effect of Dexamethasone Treatment on CYP3A Activity Distribution, the Liver Targeting of MB07133 and CYP3A Activity in a Highly Proliferating State in Rats," <i>Hepatology</i> 40(Suppl. 1):649A, AASLD Abstract No. 1123, John Wiley & Sons, Inc. (2004)	
	HZ	MOORE, M., et al., "Comparison of mutagenicity results for nine compounds evaluated at the <i>hgprt</i> locus in the standard and suspension CHO assays," <i>Mutagenesis</i> 6:77-85, Oxford University Press (1991)	
	IA	MURRAY, G., et al., "Cytochrome P450 CYP3A in human renal cell cancer," <i>Brit. J. Cancer</i> 79:1836-1842, Nature Publishing Group (1999)	
	IB	MURRAY, G., et al., "Cytochrome P450 Expression Is a Common Molecular Event in Soft Tissue Sarcomas," <i>J. Pathology</i> 171:49-52, John Wiley & Sons, Ltd. (1993)	
	IC	NAKAYAMA, K. and Thompson, W.J., "A Highly Enantioselective Synthesis of Phosphate Triesters," <i>J. Am. Chem. Soc.</i> 112:6936-6942, American Chemical Society (1990)	
	ID	NEIDLEIN, R., et al., "Mild Preparation of 1-Benzylxyminoalkylphosphonic Dichlorides: Application to the Synthesis of Cyclic Phosphonic Diesters and Cyclic Monoester Amides," <i>Heterocycles</i> 35:1185-1203, Elsevier Science (1993)	
↓	IE	NIFANTYEV, E.E., et al., "Synthesis and Structure of Some Stable Phospholane-Phospholanes," <i>Phosphorus, Sulfur and Silicon</i> 113:1-13, Overseas Publishers Association (1996)	

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Sheet 8 of 10

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Filing Date	October 31, 2003
First Named Inventor	Serge Boyer
Art Unit	1626
Examiner Name	Solola, Taofiq A.

Attorney Docket Number 2358.0180002/RWE/AES

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YD	IF	OGG, M., et al., "A reporter gene assay to assess the molecular mechanisms of xenobiotic-dependent induction of the human CYP3A4 gene <i>in vitro</i> ," <i>Xenobiotica</i> 29:269-279, Taylor & Francis Ltd. (1999)	
	IG	OHASHI, K., et al., "Synthesis of Phosphonosphingoglycolipid Found in Marine Snail <i>Turbo Cornutus</i> ," <i>Tetrahedron Lett.</i> 29:1189-1192, Pergamon Press plc (1988)	
	IH	PETRAKIS, K. and Nagabhushan, T.L., "Palladium-Catalyzed Substitutions of Triflates Derived from Tyrosine-Containing Peptides and Simpler Hydroxyarenes Forming 4-(Diethoxyphosphinyl)phenylalanines and Diethyl Arylphosphonates," <i>J. Am. Chem. Soc.</i> 109:2831-2833, American Chemical Society (1987)	
	II	PITCHER, H.R., "Built-in Bypass," <i>Nature</i> 429:39, Nature Publishing Group (May 2004)	
	IJ	PREDVODITELEV, D.A., et al., "Glycero-2-Hydroxymethylene Phosphates," <i>J. Org. Chem. USSR, A Translation of Zhur. Org. Khim.</i> 13:1489-1492, Plenum Publishing Corporation (1977)	
	IK	PREDVODITELEV, D.A., et al., "Synthesis of Lipids and Their Models on the Basis of Glycerol Alkylene Phosphites. V. Cyclic Phosphatidylglycerol and Phosphatidylhydroxyhomocholine," <i>J. Org. Chem. USSR, A Translation of Zhur. Org. Khim.</i> 17:1156-1165, Plenum Publishing Corporation (1981)	
	IL	REDDY, K.R., et al., "Stereoselective synthesis of nucleoside monophosphate HepDirect TM prodrugs," <i>Tetrahedron Lett.</i> 46:4321-4324, Elsevier Ltd. (2005)	
	IM	REDDY, M.R., et al., "Development of a Quantum Mechanics-Based Free-Energy Perturbation Method: Use in the Calculation of Relative Solvation Free Energies," <i>J. Am. Chem. Soc.</i> 126:6224-6225, American Chemical Society (published online April 2004)	
	IN	REDMORE, D., "Phosphorus Derivatives of Nitrogen Heterocycles. 2. Pyridinephosphonic Acid Derivatives," <i>J. Org. Chem.</i> 35:4114-4117, American Chemical Society (1970)	
↓	IO	SARTILLO-PISCIL, F., et al., "Fosfato-ésteres cílicos diastereoisoméricos: 5-bromo-4-fenil-2-fenoxy-2-oxo-1,3,2-dioxafosforianos, precursores de radicales libres alquilo β-fosfatoxi y generadores de radicales catiónicos en medio no oxidativo," <i>Revista de la Sociedad Química de México</i> 46:330-334, Sociedad Química de Mexico (2002)	

Examiner Signature	T. A. Solola	Date Considered	3-2-06
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Sheet

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Application Number	10/698,928
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First Named Inventor	Serge Boyer
Art Unit	1626
Examiner Name	Solola, Taofiq A.

Attorney Docket Number

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YD	IP	SHAW, J.-P. and Cundy, K.C., "Biological Screens of PMEA Prodrugs," <i>Pharm. Res.</i> 10:S-294, Kluwer Academic Publishers B.V., Abstract No. PDD 7480 (1993)	
	IQ	SHIH, Y.-E., et al., "Preparation and Structures of 2-Dimethylamino-4-phenyl-1,3,2-dioxaphosphorinane-2-oxides," <i>Bull. Inst. Chem., Academia Sinica</i> 41:9-16, Academia Sinica, Nankang, Taipei, Taiwan (1994)	
	IR	STARRETT, Jr., J.E., et al., "Synthesis, Oral Bioavailability Determination, and <i>in Vitro</i> Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA)," <i>J. Med. Chem.</i> 37:1857-1864, American Chemical Society (1994)	
	IS	THOMSON, W., et al., "Synthesis, Bioactivation and Anti-HIV Activity of the Bis(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Esters of the 5'-monophosphate of AZT," <i>J. Chem. Soc. Perk. Trans. 1</i> , 1239-1245, Royal Society of Chemistry (1993)	
	IT	VALENTINE, Jr., D., "Preparation of the Enantiomers of Compounds Containing Chiral Phosphorus Centers," <i>Asymmetric Synthesis</i> 4:263-312, Academic Press, Inc. (1984)	
	IU	VENOOK, A., "Treatment of Hepatocellular Carcinoma: Too Many Options?," <i>J. Clin. Oncol.</i> 12:1323-1334, American Society of Clinical Oncology (1994)	
	IV	VO-QUANG, Y., et al., "(1-Amino-2-propenyl)phosphonic Acid, an Inhibitor of Alanine Racemase and D-Alanine:D-Alanine Ligase," <i>J. Med. Chem.</i> 29:579-581, American Chemical Society (1986)	
	IW	WAGNER, A., et al., "Direct Conversion of Tetrahydropyranylated Alcohols to the Corresponding Bromides," <i>Tetrahedron Lett.</i> 30:557-558, Pergamon Press plc (1989)	
	IX	WALLACE, E.M., et al., "Design and Synthesis of Potent, Selective Inhibitors of Endothelin-Converting Enzyme," <i>J. Med. Chem.</i> 41:1513-1523, American Chemical Society (1998)	
↓	IY	WALSH, E., et al., "Phenoxyethylphosphonic Acids and Phosphonic Acid Ion-exchange Resins," <i>Phenoxyethylphosphonic Acid Ion-Exchange Resins</i> 78:4455-4458, American Chemical Society (1956)	

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YD	I2	WATKINS, P., "Noninvasive tests of CYP3A enzymes," <i>Pharmacogenetics</i> 4:171-184, Lippincott Williams & Wilkins (1994)	
	JA	WEBER, G.F. and Waxman, D.J., "Activation of the Anti-cancer Drug Ifosfamide by Rat Liver Microsomal P450 Enzymes," <i>Biochem. Pharm.</i> 45:1685-1694, Pergamon Press Ltd. (1993)	
	JB	WEIBEL, M., et al., "Potentiating Effect of (2-[2-[(2-Amino-1,6-Dihydro-6-Oxo-9H-Purin-9-yl)Methyl]Phenyl]Ethenyl)-Phosphonic Acid (MDL 74,428), A Potent Inhibitor of Purine Nucleoside Phosphorylase, on the Antiretroviral Activities of 2',3'-Dideoxyinosine Combined to Ribavirin in Mice," <i>Biochem. Pharmacol.</i> 48:245-252, Elsevier Science Ltd. (1994)	
	JC	WILEMAN, T., et al., "Receptor-mediated endocytosis," <i>Biochem. J.</i> 232:1-14, Portland Press (1985)	
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Examiner Signature	T. A - Solola	Date Considered	3 - 2 - 06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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